

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B7/005 H03G3/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B H03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 286 315 A (MITSUBISHI ELECTRIC CORP) 9 August 1995 (1995-08-09) abstract page 3, line 22 -page 4, line 21 page 5, line 3 - line 20 page 6, line 4 - line 26 page 10, line 17 - line 28 page 11, line 10 -page 13, line 21 page 14, line 1 - line 20 page 19, line 15 - line 22 figures 1-5	1,8,10
A	WO 85/00082 A (PRUTEC LTD) 3 January 1985 (1985-01-03) abstract page 2, paragraph 2 -page 3, paragraph 1 -/--	1,8,10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

23 June 2004

Date of mailing of the international search report

29/06/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 532 357 B1 (ICHIKAWA YASUFUMI) 11 March 2003 (2003-03-11) abstract column 2, line 20 -column 3, line 6 column 6, line 28 - line 49 column 9, line 17 - line 38 figures 1,5 ---	1,8,10
A	WO 01/31802 A (SAMSUNG ELECTRONICS CO LTD) 3 May 2001 (2001-05-03) abstract page 3, line 18 -page 4, line 5 page 5, line 32 -page 6, line 8 page 7, line 6 - line 22 figures 3,7 -----	1,8,10

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